

What is claimed is:

- 1           1.     A method of controlling communications in a network, comprising:  
2                 receiving a request to route signaling and traffic associated with a first  
3     terminal to a second terminal;  
4                 associating a logical identifier of the first terminal with the second  
5     terminal;  
6                 receiving a call request specifying the logical identifier of the first  
7     terminal; and  
8                 sending an alert indication to the second terminal.

*SIMILAR TO  
MOBILE-IP  
EXCEPT MIP IS  
✓ INDIC.*

- 1           2.     The method of claim 1, wherein associating the logical identifier of the  
2     first terminal with the second terminal comprises associating a directory number of the  
3     first terminal with the second terminal.

- 1           3.     The method of claim 1, wherein associating the logical identifier  
2     comprises storing a table associating the logical identifier with identifiers of the first and  
3     second terminals.

- 1           4.     The method of claim 3, wherein storing the table comprises storing a table  
2     associating the logical identifier with Internet Protocol addresses of the first and second  
3     terminals.

- 1           5.     The method of claim 1, further comprising receiving at least another  
2     request to route signaling and traffic of the first terminal to at least another terminal.

- 1           6.     The method of claim 1, wherein receiving the request comprises receiving  
2     the request in a terminal proxy server.

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1            15.     The method of claim 1, further comprising:  
2                    receiving an off-hook indication from the second terminal; and  
3                    processing a call in response to the off-hook indication as if the second  
4     terminal is the first terminal.

1           16. An article comprising at least one storage medium containing instructions  
 2 that when executed cause a controller to:  
 3           receive a request to establish a first terminal as a clone of a second  
 4 terminal; *no setting.*  
 5           receive a call request specifying the second terminal as a target; and  
 6           route the call request to the first terminal.

1           17. The article of claim 16, wherein the instructions when executed cause the  
 2 controller to further disable the second terminal.

1           18. The article of claim 16, wherein the instructions when executed cause the  
 2 controller to further set the first terminal as a replicate of the second terminal.  
*clone.*

1           19. The article of claim 18, wherein the instructions when executed cause the  
 2 controller to further route the call request to the second terminal.

1           20. The article of claim 19, wherein the instructions when executed cause the  
 2 controller to further receive an indication from one of the first and second terminals that  
 3 the call request has been answered.

1           21. The article of claim 20, wherein the instructions when executed cause the  
 2 controller to further establish a call session between the one of the first and second  
 3 terminals and another terminal that transmitted the call request.

1           22. The article of claim 16, wherein the instructions when executed cause the  
 2 controller to receive the call request over a packet-based network.

1           23.    A system comprising:  
2                    an interface to a network coupled to at least a first terminal and a second  
3   terminal; and  
4                    a control module adapted to, in response to a request from a first terminal,  
5   define the first terminal as a clone of a second terminal.

1           24.    The system of claim 23, wherein the control module is adapted to receive  
2   a call request containing a logical identifier of the second terminal, the control module  
3   adapted to send an alert to the first terminal in response to the call request.

1           25.    The system of claim 24, wherein the logical identifier comprises a  
2   directory number.

1           26.    The system of claim 23, further comprising a switch module  
2   communicatively coupled to the control module

1           27.    The system of claim 26, wherein the control module is adapted to receive  
2   a request from the first terminal to establish a call, and wherein the switch module is  
3   adapted to treat the request as a request from the second terminal.

1           28.    The system of claim 26, wherein the switch module is associated with  
2   plural logical ports, the control module adapted to select one of the logical ports for  
3   communicating signaling of the first terminal.

1           29.    The system of claim 28, wherein the selected logical port comprises a  
2   logical port assigned to the second terminal.

1           30.    The system of claim 23, wherein the control module comprises a terminal  
2   proxy server.

1 31. The system of claim 30, further comprising a storage unit containing  
2 information associating a directory number with the first and second terminals.

1 32. The system of claim 23, wherein the control module is adapted to override  
2 the second terminal in response to the request.

1 33. The system of claim 23, wherein the control module is adapted to set the  
2 first terminal as a replicate of the second terminal.

1 34. The system of claim 23, wherein the interface comprises an interface to an  
2 Internet Protocol network.

1 35. The system of claim 23, wherein the first terminal comprises a wireless  
2 terminal.

1 36. A data signal embodied in a carrier wave and comprising instructions that  
2 when executed cause a system to:

3 receive a request to route signaling and traffic associated with a first  
4 terminal to at least one other terminal;

5 associate a logical identifier of the first terminal with the at least one other  
6 terminal;

7 receive a call request specifying the logical identifier of the first terminal;

8 and

9 send an alert indication to the at least one other terminal.

1 37. A system for cloning terminals coupled to a network, comprising:  
2 a control unit; and  
3 a plurality of soft client modules executable on the control unit,  
4 each soft client module adapted to send a request to a server on the  
5 network to select one of the terminals to clone.

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1           38.    The system of claim 37, wherein each soft client module is adapted to  
2   receive an alert indication from the server corresponding to a call request received by the  
3   server for the terminal the soft client module is cloning.

1           39.    The system of claim 37, further comprising a router to select one of the  
2   soft client modules for communicating packets in a call session.

1           40.    The system of claim 37, comprising an Internet Protocol layer associated  
2   with one Internet Protocol address, the router using an additional code in each packet to  
3   select one of the soft client modules.

1           41.    A method of controlling communications in a network, comprising:  
2                   receiving a request to establish a first terminal as a clone of a second  
3   terminal;  
4                   receiving an indication from the first terminal, the indication  
5   corresponding to activation of a element on the first terminal; and  
6                   processing the indication based on information associated with the second  
7   terminal.

1           42.    The method of claim 41, wherein receiving the indication comprises  
2   receiving an indication corresponding to activation of a button on the first terminal.